

Atty.  
Dkt. No.

M

Client Ref.

273739

D807CIPIIICON2

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: SZUM et al.

Appln. No.: 09/757,828

Filing Date: January 11, 2001

Examiner: ~~Lee~~

Group Art Unit: ~~2874~~

Date: August 10, 2001

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**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
ADD	AR 5,104,433	04/1992	CHAPIN et al.			
ADD	BR 5,913,004	06/1999	TAKASE et al.			
ADD	CR 5,345,528	09/1994	KATZ et al.			
ADD	DR 5,473,720	12/1995	ALI et al. ✓			
ADD	ER 4,472,021	09/1984	ANSEL et al.			
ADD	FR 4,624,994	11/1986	ANSEL			
ADD	GR 4,822,850	04/1989	YASHUDA et al.			
ADD	HR 4,844,604	07/1989	BISHOP et al.			
ADD	IR 5,093,386	03/1992	BISHOP et al.			
ADD	JR 5,302,627	04/1994	FIELD et al. ✓			
ADD	KR 5,352,712	10/1994	SHUSTACK			
ADD	LR 5,787,218	07/1998	OHTAKA et al.			
ADD	MR 5,907,023	05/1999	CHAWLA			
ADD	NR 5,949,940	09/1999	BOTELHO et al.			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
ADD	OR 59-074507	04/1984	JAPAN	YAMANISHI		✓		✓
ADD	PR 60-262115	12/1985	JAPAN	ONO		✓		✓
ADD	QR 02-062505	03/1990	JAPAN	NONAKA		✓		✓
ADD	RR 94/19185	09/1994	WO	OHTAKA		✓		✓
ADD	SR 98/21157	05/1998	WO	SZUM		✓		✓
ADD	TR 99/31161	06/1999	WO	SHUSTACK		✓		✓

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

ADD	UR	Properties of the R1055 coating composition, which was commercially available before November 1995.				
ADD	VR	Properties of the 950-106 coating composition, which was commercially available before November 1995.				
ADD	WR	Properties of the 3471-1-129 coating composition, which was commercially available before November 1995.				
	XR	W.W. King et al., "Thermomechanical Mechanism for Delamination of Polymer Coatings from Optical Fibers," Journal of Electronic Packaging, June 1997, Vol. 119, pp. 133-138.				
	YR					
	ZR					

Examiner *John D. Lee*

Date Considered: 07 MARCH 2002

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**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>ADL</i>	AR 5,977,202	11/1999	CHAWLA et al.			
<i>ADL</i>	BR 6,014,488	01/2000	SHUSTACK			
<i>ADL</i>	CR 5,373,578	12/1994	PARKER			
<i>ADL</i>	DR 5,011,260	04/1991	MARX et al.			
<i>ADL</i>	ER 4,900,126	02/1990	JACKSON et al.			
<i>ADL</i>	FR 4,496,210	01/1985	ANSEL et al.			
<i>ADL</i>	GR 4,474,830	10/1984	TAYLOR			
<i>ADL</i>	HR 4,913,859	04/1990	OVERTON et al.			
<i>ADL</i>	IR 5,336,563	08/1994	COADY et al. ✓			
<i>ADL</i>	JR 5,384,342	01/1995	SZUM			
<i>ADL</i>	KR 4,660,927	04/1987	KONDOW et al.			
<i>ADL</i>	LR 5,037,763	08/1991	PETISCE			
<i>ADL</i>	MR 5,473,720	12/1995	ALI et al.			
<i>ADL</i>	NR 5,379,363	08/1995	BONICEL et al.			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
<i>ADL</i>	OR 3-35210	02/1991	JAPAN			✓		✓
<i>ADL</i>	PR 262 340	04/1998	EP	NAKASUJI		✓		✓
	QR 407 004	01/1991	EP	DUECKER		✓		✓
	RR 527 266	02/1993	EP	CHIEN		✓		✓
	SR 104 864 B1	04/1984	EP	KEENE		✓		✓
	TR 104 864 A2	04/1984	EP	KEENE		✓		✓
<i>ADL</i>	UR 780 712	06/1997	EP	SHUSTACK		✓		✓
<i>ADL</i>	VR 96/30182	10/1996	WO	CRIVELLO		✓		✓
<i>ADL</i>	WR 96/23828	08/1996	WO	SZUM		✓		✓
<i>ADL</i>	XR 8-113621	05/1996	JAPAN	TAKASE	x		x	

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

<i>ADL</i>	YR	Mills, G., "Testing of 4- and 8-Fiber Ribbon Strippability," 427 International Wire and Cable Symposium Proceedings (1992), pp. 472-475.			
<i>ADL</i>	ZR	Toler et al., "Factors Affecting Mechanical Stripping of Polymer Coatings from Optical Fibers," International Cable and Wire Symposium Proceedings (1989), pp. 509-512.			

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<i>ADZ</i>	AR 5,219,896	06/1993	COADY et al.			
<i>ADZ</i>	BR 3,984,172	10/1975	MILLER			
<i>ADZ</i>	CR 5,502,145	03/1996	SZUM			
<i>ADZ</i>	DR 5,227,410	07/1993	ECKBERG et al.			
<i>ADZ</i>	ER 5,240,971	08/1993	ECKBERG et al.			
<i>ADZ</i>	FR 4,636,223	01/1987	MEHL et al.			
<i>ADZ</i>	GR 5,492,733	02/1996	D'ANNA et al.			
<i>ADZ</i>	HR 5,302,627	04/1994	FIELD et al.			
<i>ADZ</i>	IR 5,033,335	07/1991	YATSU et al.			
<i>ADZ</i>	JR 5,146,531	09/1992	SHUSTACK			

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	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
<i>ADZ</i>	KR 96/12749	05/1996	WO	CHAWLA		✓		✓
<i>ADZ</i>	LR 96/11965	04/1996	WO	TAKASE		✓		✓
<i>ADZ</i>	MR 95/23772	09/1995	WO	SZUM		✓		✓
<i>ADZ</i>	NR 08-143806	06/1996	JAPAN	HIROYUKI		✓		✓
<i>ADZ</i>	OR 59-074506	04/1984	JAPAN			✓		✓
<i>ADZ</i>	PR 58-115402	07/1983	JAPAN	SATO		✓		✓
<i>ADZ</i>	QR 732 625	09/1996	EP	SCHULTHESS		✓		✓
<i>ADZ</i>	RR 535 828	04/1993	EP	DOBA				
<i>ADZ</i>	SR 565 798	10/1993	EP	SHUSTACK		✓		✓
<i>ADZ</i>	TR 260 842	03/1988	EP	HEAD				

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.):**

<i>ADZ</i>	UR	"Union Carbide <del>and</del> Organofunctional Silane Products and Applications," (1991, 1992), total of 19 pages.			
<i>ADZ</i>	VR	Blyler et al., "Coatings and Jackets," Optical Fiber Telecommunications, 1979, Chapter 10, pp. 299-341.			
<i>ADZ</i>	WR	Wu, Polymer Interface and Adhesion, Marcel Dekker, 1982, pp. 406-434.			
<i>ADZ</i>	XR	"Release Agents," Encyclopedia of Polymer Science, 2nd edition, Vol. 14, Wiley-Interscience 1988, pp. 411-421.			
<i>ADZ</i>	YR	Jackson et al., "An Enhanced Ribbon Structure for High Fiber Count Cables in the Loop," International Wire and Cable Symposium Proceedings (1989) pp. 569-573.			
	ZR				

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Group Art Unit: *2874*

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>JDL</i>	AR 6,110,593	08/2000	SZUM et al.			
<i>JDL</i>	BR 6,169,126	01/2001	SZUM et al.			
<i>JDL</i>	CR 6,222,969	04/2001	BOTELHO et al.			
	DR					
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	GR					
	HR					
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	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
	OR 307 218	03/1989	EP	CUELLAR				
	PR 116 140	08/1984	EP	ANSEL				
	QR 4,302,327	08/1994	DE	HINTZE- BRUNING				
	RR 2,171,504	09/1996	CA	SCHULTHESS				

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

<i>JDL</i>	SR	Gadonna et al., "Methods for the Characterization of the State of Fibre Primary Coating, EFOC/LAN, 10th Annual Conference, Paris (June 1992) pp. 248-251.			
<i>JDL</i>	TR	Jackson et al., "Design and Performance of Compact 204-Fiber Ribbon Cable," Optical Fiber Communication Conference (Jan.1990) Vol. 1, Paper WM10.			
<i>JDL</i>	UR	Kohtala et al., "Optical Fiber Ribbon Cable Manufacture," Wire Industry, October 1991, pp. 627-630.			
<i>JDL</i>	VR	Schmid et al., "The Effect of UV Curable Secondary Buffers on the Strippability of Commercially Available Fibers," Wire Journal International (Oct. 1991) pp. 63-66.			
<i>JDL</i>	WR	Apicella et al., "Adhesion of Coatings on Glass: A New Measurement Method," EFOC Proceedings, (June 1991), pp. 100-104.			
	XR				

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FORM PTO-1449 (modified)  
To: U.S. Department of Commerce  
(PW FORM PAT-1449)  
Patent and Trademark Office

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Group Art Unit: *2874*

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				Enclosed	No
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PR					
QR					
RR					

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

<i>ADL</i>	SR	Yuca et al., "The Effect of Coating Cure on the Mechanical Characteristics of Optical Fibers," International Wire and Cable Symposium Proceedings (1990), pp. 715-721.			
<i>ADL</i>	TR	Cuomo et al., "Behavior of Optical Fibre Stripping Force Under Different Aging Test Conditions," EFOC Proceedings (June 1991), pp. 27-30.			
<i>ADL</i>	UR	Abel et al., "Dynamic Water Sensitivity of UV Acrylate Inks and Matrix Coating and Its Relationship to the Water Soak Performance of Optical Fibre Ribbons," EFOC & N, Fiber Optic Communications (1993), pp. 298-302.			
<i>ADL</i>	VR	Moses et al., "A Test for Optical Fiber Coating Strippability," International Wire and Cable Symposium Proceedings (1987), pp. 163-168.			
<i>ADL</i>	WR	Jackson et al., "Fiber Protective Coating Design Parameters for Current Telecommunication Applications," 10 <sup>th</sup> NFOEC Proceedings (June 1994), pp. 93-100.			
	XR				

Examiner

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	HR							
	IR							
	JR							
	KR							
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	MR							
	NR							
	OR							
	PR							
	QR							

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

<i>DDL</i>	RR	Sommer et al., "One Duel Coating System for Fiber to Meet All Needs: Long Time Loop and Ribbon Cable," 12 EFOC & N Proceedings (June 1994), pp. 155-157.				
<i>DDL</i>	SR	Aloisio et al., "A Vasoelastic Analysis of Thermally Induced Residual Stress in Duel Coated Optical Fibers," International Wire and Cable Symposium Proceedings (1995), pp. 139-145.				
<i>DDL</i>	TR	Petisce et al., "Effect of novel cleaning solvents on optical fiber coatings," International Wire and Cable Symposium Proceedings (1994), pp. 126-133.				
<i>DDL</i>	UR	Edwards et al., "Ultraviolet-Cured Coatings for Optical Fibres - The Effect of Coatings Design on Fibre Reliability," SPIE-The International Society for Optical Engineering Proceedings, Fiber Optics Reliability and Testing: Benign and Adverse Environments, Vol. 2074 (1993), pp. 120-128.				
<i>DDL</i>	VR	Lawson, "Contributions and Effects of Coatings on Optical Fibers," Proceedings - Optical Fibers in Adverse Environments, Vol. 404, (SPIE), pp. 109-118.				
	WR					

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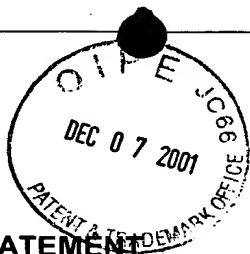
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

<i>ADL</i>	UR	Wei, "Degradation of Fiber Strength During Coating Stripping," International Wiere and Cable Symposium Proceedings (1989), pp. 199-204.				
<i>ADL</i>	VR	Szum et al., "New Method for Measuring the Contribution of UV Cured Coatings Toward Color Changes Upoon Aging of UV Cured Inks," International Conference on Plastics in Telecommunications (PIT VI, September 1992), pp. P10/1-P10/8.				
<i>ADL</i>	WR	Nuyken et al., "Oxetane Photopolymerization - A System With Low Volume Shrinkage," Macromol. Symposium 107, (1996), pp. 125-138.				
	XR					
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Examiner

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Examiner: J. Lee ~~(anticipated)~~ Group Art Unit: 2874 ~~(anticipated)~~

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<i>JDL</i>	AR	4,642,265	02/1987	SUZUKI	428	375	
	BR						
	CR						
	DR						
	ER						
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